

# PRIMARY FRESH HUMAN HEPATOCYTES



CYTES  
BIOTECHNOLOGIES S.L.

Ref: HuHEF

## PRIMARY FRESH HUMAN HEPATOCYTES (HuHEF)

Human hepatocytes have become the 'gold standard' for evaluating hepatic metabolism and toxicity of drugs and other xenobiotics *in vitro*. Moreover, they are becoming utilized more extensively for many kinds of biomedical research, including a variety of biological, pharmacological and toxicological studies. For this reason, hepatocyte acquisition is now a critical step for research activities.

The fresh human hepatocytes we offer are obtained and isolated from human donors for research purposes. These cells are a superior *in vitro* model because they thrive in an environment closely resembling the *in vivo* host environment.

HuHEF are produced under rigorous QC Standards and supplied with:

- Demographic and clinical donor profile
- Cells Characterization
- Culture protocols

### Categories:

- HuHEFS: Suspension (Minim order 10M)
- HuHEFP: Plated (6,12,24,48, i 96 well plates with or without overlay)

Shipping conditions: 4°C

## CYTES BIOTECHNOLOGIES

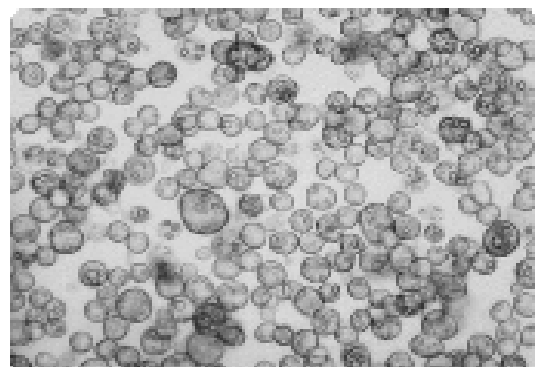
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## CHARACTERIZATION

- Viability & Yield
- Monolayer assesment
- Morphology

## COMMON USES

- Metabolism analysis
- Toxicity assessments
- Enzyme activity studies
- Prediction of metabolic clearance
- Drug-drug interaction assays
- Hepatotoxicity
- Metabolic profiling and assessment of stability
- Among Others



Hepatocytes in suspension after 24h